



Western Racine County Health Department

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www.wrchd.org

Serving the communities of: City of Burlington
Towns of Burlington, Dover, Norway, Raymond, Waterford & Yorkville
Villages of Rochester, Union Grove, & Waterford

2012 ANNUAL REPORT

Director's Message

Cheryl Mazmanian, Director/Health Officer

Public health practices protect our communities, save lives & save money in ways such as programs immunizing children, protecting people from disasters & disease outbreaks, screening newborns for health problems, promoting healthy lifestyles, reducing chronic conditions, promoting on the job health & safety, & keeping our air, water, & neighborhoods clean, & making our communities a place we want to live.

Ensuring that children of all ages receive their vaccinations on time is one of the most important things that can be done to promote children's long-term health, as well as the health of others in the community. As of October 1, 2012 children whose insurance covers immunizations are not able to receive vaccines at local health departments, even if the insurance includes a high deductible or co-pay. Rather, they need to visit their primary health care provider for these immunizations. Exceptions to this policy change include pertussis-containing vaccine because of the statewide outbreak in Wisconsin. This vaccine policy change is a direction from the Centers for Disease Control & Prevention & is related to the Affordable Care Act. As a result of this new directive, we have been & will continue to carefully monitor the immunization clinic statistics to eliminate underutilized services to keep our cost low.

On a monthly basis, municipalities receive a detailed invoice from the health department outlining the services for which they are paying. By HIPPA law medical facilities cannot disclose confidential information such as addresses or client names; however, in an effort to further define services rendered, beginning January 2012 a more comprehensive municipality invoice was developed showing additional service detail. Municipality invoices also include a copy of our monthly Activity Statistics Report showing the number of clients served. Our Board of Health, comprised of representatives from each municipality, meets on a bi-monthly basis to review all statistics & determine future services & actions.

Our 2012 per capita cost has significantly decreased from 2011 due to staffing cuts. The average rate of \$5.95 per capita is the lowest we have billed since 2008. Our obtainable 2013 grant dollars of \$205,780 has decreased by \$36,696 from 2012. We will continue to pursue grants that keep costs for mandated services low & further enrich our communities' health related needs.

Over 479 reports of suspected communicable disease were made by health care providers in 2012. Each of these reports is investigated by a public health nurse who contacts physicians, laboratories, and/or patients to determine if the report is an actual case. Of the 479 reports, 297 cases were confirmed to be state reportable communicable diseases. In western Racine County there were 78 total cases of pertussis. This makes the incidence rate 139 cases per 100,000 people. In comparison the incidence rate of all of Racine County was 73 cases per 100,000 people. There were three long term care facility outbreaks of gastroenteritis, located in the Village of Union Grove, City of Burlington & Town of Dover. Also of note, one resident was found to have Novel Influenza A H3N2 virus acquired from pigs at an out of area county fair.

As per state statute, licensure & inspections of facilities such as restaurants, lodgings, water recreation, campgrounds, & tattoo establishments are provided at no cost by the sanitarians from the State Department of Health. In 2012, 213 routine inspections were completed in western Racine County.

A Community Health Survey of approximately 400 western Racine county residents was completed in February 2012. The community health survey is mandated by the state of Wisconsin and the federal government for all health departments & hospitals. Its objective is to gather local data related to the 11 state health priorities. This data serves to identify local health behaviors or risk factors. This information presents opportunities for health promotion & health care cost reduction, & helps to track the success of community health improvement activities. The survey was paid for by Aurora Health Care, Children's Hospital, & Wheaton Franciscan Hospital.

***An ounce of
prevention is worth
a pound of cure***

~Benjamin Franklin~

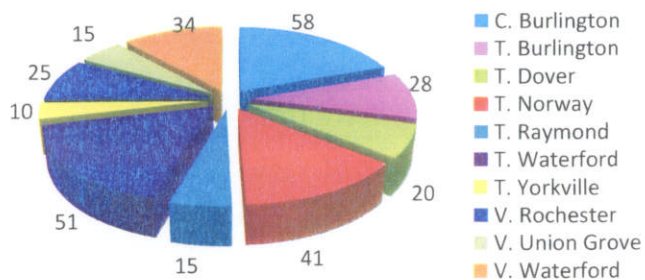
This comprehensive summary report of Western Racine County Health Department services emphasizes the essential role that public health plays in maintaining a strong community. We look forward to serving you in the future.

State Reportable Confirmed Communicable Diseases

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2012 Cases	2011 Cases	2010 Cases	2009 Cases
Arboviral Disease													0	1	0	0
Babesiosis													0	1	0	0
Blastomycosis									1				1	0	0	0
Campylobacteriosis				2		1		1	1		1		6	16	5	16
Chlamydia	9	5	13	12	9	8	10	14	9	7	13	4	113	94	90	69
Cryptosporidiosis		1											1	0	1	1
E.Coli O157:H7													0	1	0	1
E.Coli (EHEC, STEC)				1					2			1	4	2	1	2
Ehrlichiosis (incl. Anaplasmosis)													0	1	0	0
Giardiasis						1		1					2	3	5	0
Gonorrhea	1	1		1	1		1	1		1	1	1	9	5	6	5
Haemophilus Influenzae, Invasive													0	0	0	0
Hepatitis B – Acute/Chronic				1		1							2	6	6	6
Hepatitis C – New Cases	1				1	1	2	1	3	1	1	4	15	13	12	14
Histoplasmosis													0	0	0	1
Influenza Associated Hospitalizations			1		2							2	5	12	--	--
Influenza- Novel Influenza A								1					1	0	0	0
Latent TB Infection (LTBI)			1					1					2	8	3	11
Legionellosis						1				1		2	4	0	0	0
Listeriosis													0	0	1	0
Lyme Disease			1			2	4		1				8	9	14	9
Malaria													0	1	0	0
Meningitis (Meningococcal)													0	1	0	1
Mumps													0	0	0	1
Mycobacterial Disease (non TB)				1	3	1		2	5			1	13	8	4	4
Parapertussis		2											2	0	0	0
Pertussis	12	5	4	8	13	11	4	5	9		4	3	78	7	6	1
Salmonellosis		1	2	1		1				1	1	2	9	10	9	9
Shigellosis				1									1	1	0	1
Strep A Invasive Disease		1	1			2				1	1		6	2	2	4
Strep B Invasive Disease					1		2					1	4	8	5	1
Strep Pneumoniae, Invasive Disease			2							1		1	4	3	5	4
Syphilis – Latent							1					1	2	1	2	0
Toxoplasmosis													0	0	1	0
Tuberculosis Pulmonary													0	1	0	1
Varicella		1			3								4	4	11	12
Vibriosis									1				1	0	0	0
Yersiniosis													0	0	1	1
Total	23	17	25	28	33	30	24	27	32	13	22	23	297	219	190	175

- An upward trend of Chlamydia continues to be noted across the country. Western Racine County had 113 cases.
- Hepatitis C screening recommendations from the CDC (Centers for Disease Control) have been expanded to include screenings for those born from 1945 thru 1965, in addition to risk based screenings. As a result, we are likely to see a rise in diagnosed cases.

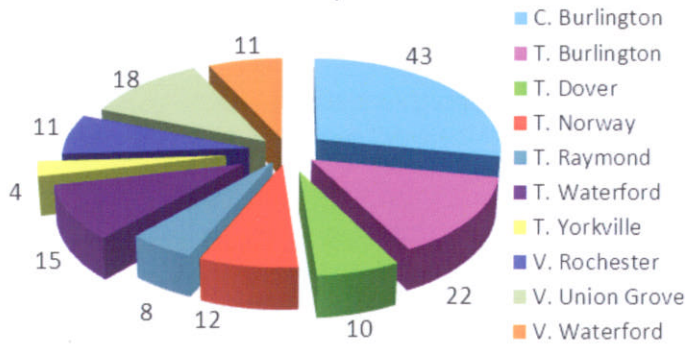
2012 Confirmed Reportable Communicable Diseases – 297 Total



In addition to the diseases that health care providers are mandated to report (**listed above**) western Racine county schools report communicable diseases (**listed on the right**) to the health department. This provides our community with a method to detect & control outbreaks in school settings. The health department provides education & information to school nurses & parents. Local physicians are also made aware of suspected outbreaks.

	2012	2011	2010	2009
Disease	Cases	Cases	Cases	Cases
Fifth Disease	5	2	2	5
Hand, Foot, & Mouth	7	16	2	0
Impetigo	21	6	7	3
Influenza	0	4	0	4
Lice	62	46	42	66
Mononucleosis	25	30	36	15
MRSA	1	2	3	4
Pink Eye	130	139	98	118
Pneumonia	18	23	10	7
Ringworm	22	3	6	6
Scabies	5	6	5	6
Shingles	5	4	4	1
Strep, Scarlet Fever	305	389	296	350
Total	606	670	511	585

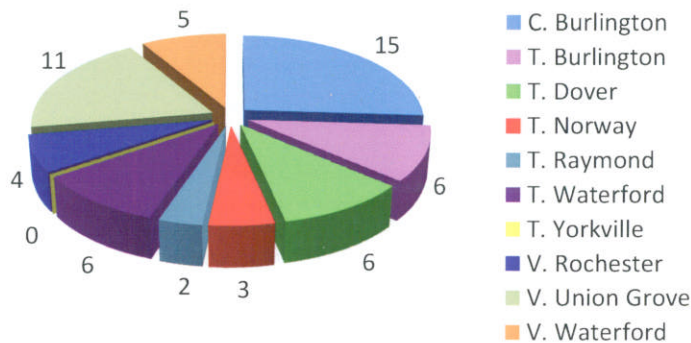
2012 Environmental Complaints- 154 Total



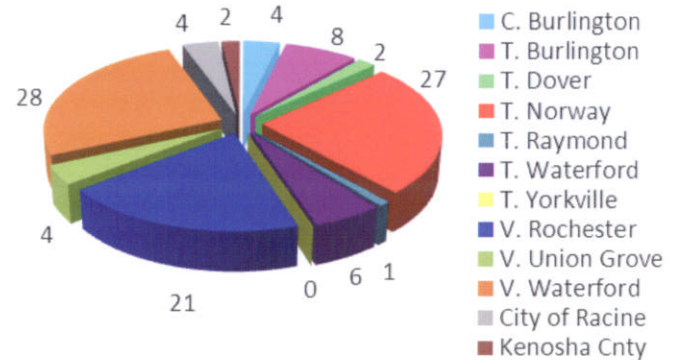
In 2012, the CDC decreased the blood lead level (BLL) recommended for lead poisoning follow up. We now follow all children with BLL of 5 or greater. Follow up includes home visits to identify the lead source, education on prevention & nutrition, screening for developmental delays, & ongoing laboratory tests to monitor lead levels. As a result, we have seen an increase in lead poisoning case investigation.

	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Animal Nuisance	5	5	5	5	6	11	6	11	1		3		58
Beach Water					1	4	2	3					10
Food Services	1						4	3	1		2	1	12
Housing	2	2	3	2	5	2	3	1		5	2		27
Lead	1	1		1			2	3	1	2	2		13
Mold		1		2		2	1				2	1	9
Other	1			3						1		2	7
Vector/Rodents					1	1			1	1		1	5
Water/Sewer				1		1	1	1	3	4	2		13
Total	10	9	8	14	13	21	19	22	7	13	13	5	154

2012 Animal Nuisance Investigations - 58 Total

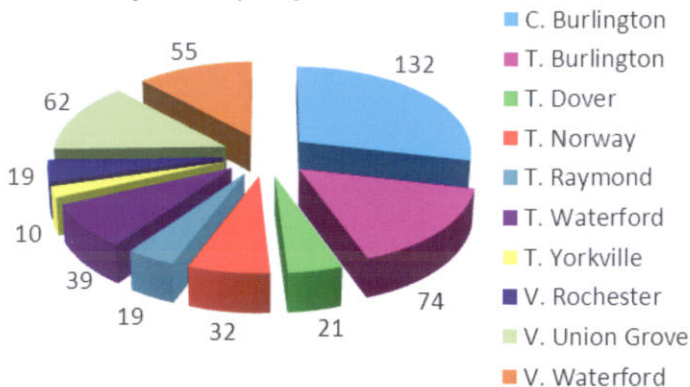


2012 Pet Vaccination Clinic - 107 Total



- A low cost Animal Vaccination Clinic was offered in collaboration with the Village of Rochester and Countryside Humane Society in March of 2012 with 107 animals vaccinated & 15 licenses purchased. This is an increase of 57% over 2011 animal vaccinations.
- In 2012, five warnings & one citation were issued by law enforcement for animal nuisance violations.
- As a health department we are able to submit specimens (like bats, animals that have bitten) to the Wisconsin State Laboratory of Hygiene for free rabies testing. In 2012 the value of the free sample analysis was \$1,650.00.

Births by Municipality - 464 Total



Age of Mothers	2012	2011	2010
15-17 years	4	3	7
18-19 years	16	19	20
20-24 years	81	94	97
25-29 years	152	180	174
30-34 years	148	140	153
35-39 years	52	53	66
40-44 years	11	10	19
45+ years	0	0	1
Total	464	499	537

2012 Performance Management Highlights

	2012	2011	2010	2009	Comments
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Pregnancy Tests

	16	32	36	36
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Free pregnancy tests are provided and presumptive eligibility paperwork is completed if the client is eligible, providing immediate access to free prenatal care.

TB Skin Tests

	199	144	171	216
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TB skin tests are administered routinely for health care, day care, fire and police personnel, refugees, or any individual who may be at risk for the disease.

Car Seat Checks

• Installed/Education	97	76	84	96
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56 free or low cost car seats were distributed in 2012. These car seats were obtained through a grant from WI Department of Transportation.

WIC (Women, Infants & Children Nutrition Program)

• Appointments Scheduled	1768	1980	2156	2437
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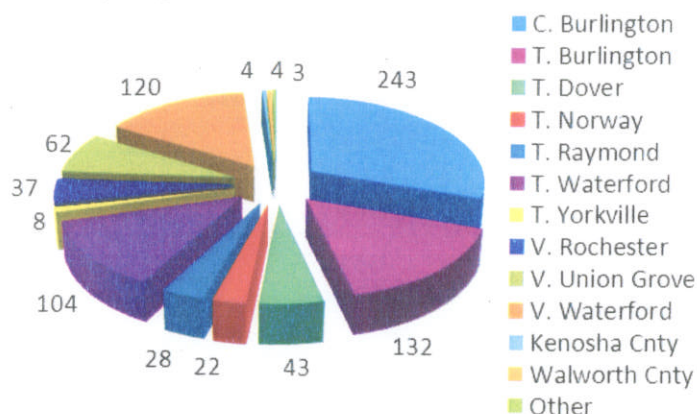
WIC is held at the Health Department the first three Tuesdays of each month.

Blood Pressures

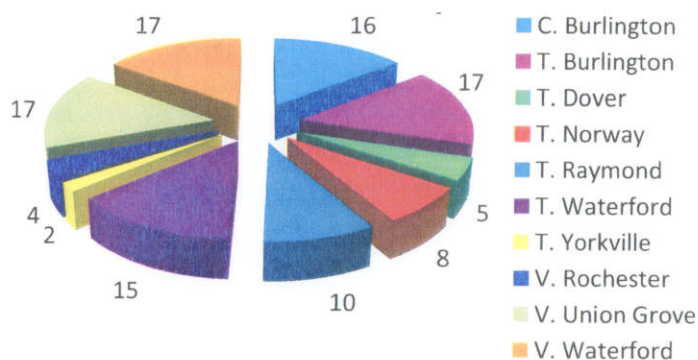
• Clients	9	8	7	270
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Blood pressure screening is available at all immunization clinics and any time at the Health Department.

2012 Immunization Clinic Usage by Municipality - 810 Total



Free (Administration Fee Waived) Back to School Immunization Clinics - 111 Total Clients



Immunizations

	2012	2011	2010	2009	Comments
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• Overall Clients Served	810	1069	1353	1671
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Fifty immunization clinics were held in 2012 at various sites in the community. Most vaccines are provided free of charge; however, a small administration fee is generally charged.*

• Vaccinations (Actual Injections)	1507	1914	2741	3038
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The value of free CDC supplied vaccine given to residents in western Racine was \$60,342.25. Private sector cost for this vaccine would be approximately \$115,230.61.

• Adult Flu	51	112	120	102
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Adult flu vaccine is offered to homebound individuals. In addition, some businesses have contracted to have the flu vaccine administered to their employees on site.

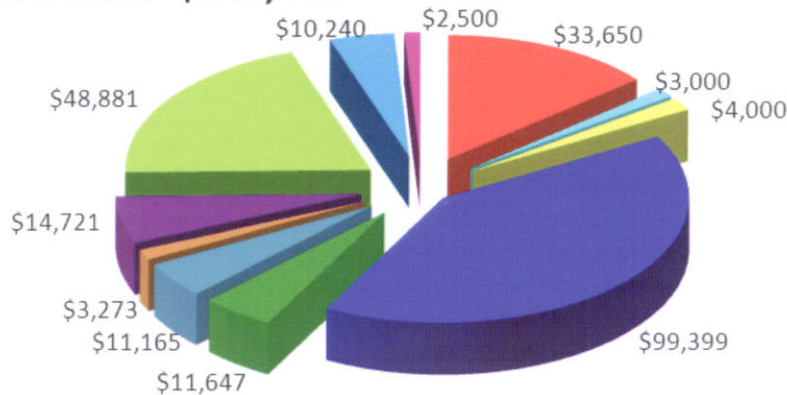
• WIC Immunization Clients	100	130	191	n/a
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WIC children are offered immunizations conveniently during the WIC clinics as they tend to be under vaccinated. Per state statute these vaccinations are administered for free (no administration fee).

* A \$10 administration fee is charged to residents for 1 immunization, \$15 for 2 immunizations, & \$20 for 3 or more immunizations. Quarterly, municipalities receive a credit for these fees. The 2012 total credits were \$4,483.00.

Fees waived due to inability to pay were an additional \$1,382.00. The State of Wisconsin immunization program requires that no child be denied an immunization due to inability to pay.

2012 Grant Dollars- \$242,476



* Funded until June 31, 2012

** Funded for 2 FTE until June 31, 2012, then 1 FTE

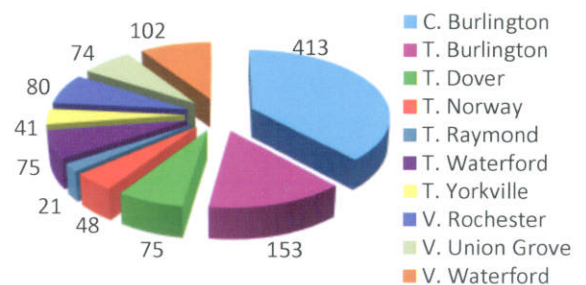
DOT Department of Transportation Car Seat (\$3,000)

- Purchased 60 car seats & locking clips for low income families.

Health Care Network (\$4,000)

- We are a satellite site.
- Health Care Network links the uninsured, low income individuals, who do not qualify for any state programs, to health care providers who donate their services. The value of the donated services to these clients was at least \$139,167.00 with an additional \$13,600.00 in savings for reduced cost medication.
- Requests for assistance increased by 63% from 2011 to 2012.

Health Care Network Contacts - 1082



Home Visitation1 (\$99,399)

- Racine County United Way funded 2 FTE's until June 31, 2012 then 1 FTE.
- Home visitors provide families of children ages prenatal to five with education & support, increasing their knowledge & parenting skills.
- In 2012, 68 families with a total of 166 members received 769 home visits.
- Outreach for this program includes a letter to every birth parent, collaboration with WIC, hospitals, & other service organizations.
- Club ABC, for pregnant & parenting teen moms, focuses on positive parenting skills & serves as a support group.
- Mamás Activas Unidas creates an environment for Spanish-speaking moms to come together & bridge the culture gap.

Home Visitor 2 (\$11,647)

- Racine County United Way funded this position until June 31, 2012.
- Provide parenting, safety, & health information to the 896 Women, Infant & Children (WIC) clients.

Immunization (\$11,165)

- Collaboratively with the other Racine County health departments, worked to increase the percentage of children fully immunized by age two.

Lead (\$3,273)

- Provided education, home assessments, & follow up to eight children who were found to have elevated blood lead levels.
- 624 blood lead screenings were completed for children in western Racine County.

MCH(\$14,721)

- Supported by a grant from the State & Children's Hospital of Wisconsin, a Racine County Child Death Review team monitors the deaths of Racine County children, 18 years of age & under, with prevention activities completed as the need is identified.

Preparedness CDC (\$48,881) and Preparedness CRI (\$10,240)

- Emergency plan construction & updates, establishing mock exercises, monthly staff trainings, & respirator fit testing are examples of how these dollars are utilized.

Radon (2,500)

- 165 short term radon kits were sold to the community at \$5 each & 10 long term kits for \$10. The kits include all lab fees & education regarding radon & its consequences. Normal rating is a 4 pCi/L. Highest level reported was 51.6 pCi/L (TN), lowest a 0.5 pCi/L (CB & VW).

Teen Pregnancy Prevention (\$33,650)

- Funded by United Way of Racine County.
- Provided abstinence based pregnancy prevention classes for 977 high school students & Choices and Values classes for 830 grade school students.
- 81 parents attended 4 presentations of the Parent's Speak Up program, focusing on parents discussing choices, values, prevention, & relationships with their children.
- Provided STD prevention information for 149 participants at the Ellsworth Correctional Centers Women's Resource Fair; with an additional ten participants attending a contraceptive PowerPoint presentation.

2012 Financial Highlights

	2012 Billed	2011 Population	2012 Per Capita Cost	2011 Per Capita Cost	2010 Per Capita Cost
C. Burlington	\$66,544.50	10,466	\$6.36	\$7.00	\$7.88
T. Burlington	\$37,539.57	6,499	\$5.78	\$6.20	\$6.07
T. Dover	\$22,484.61	3,950	\$5.69	\$6.42	\$6.09
T. Norway	\$45,758.01	7,953	\$5.75	\$6.11	\$5.99
T. Raymond	\$21,574.76	3,883	\$5.56	\$7.24	\$6.53
T. Waterford	\$40,235.85	6,348	\$6.34	\$6.24	\$5.60
T. Yorkville	\$17,998.00	3,081	\$5.84	\$5.89	\$5.83
V. Rochester	\$21,071.12	3,684	\$5.72	\$5.44	\$5.46
V. Union Grove	\$27,457.40	4,911	\$5.59	\$6.94	\$6.65
V. Waterford	\$33,158.64	5,371	\$6.17	\$6.71	\$6.04
	\$333,822.46	56,146	\$5.95	\$6.46	\$6.37
<i>Avg. 2010 WI HD per capita</i>	77,034,153.00	5,695,950			\$13.52

- The 2012 overall per capita costs have decreased from 2011: from \$6.46 per person to \$5.95 mainly due to staffing cuts.
- The average 2010 health department per capita for Wisconsin was \$13.52.

2012 Community Event Participation

- March- Waterford Home Show- Adult Tdap vaccination was offered & 19 radon test kits were sold.
- March- Leadership of Union Grove- requested a power point presentation on services offered by the health department, with approximately 15 people in attendance.
- March- Low Cost Pet Vaccination & Licensing Clinic- In collaboration with Countryside Humane Society.
- April- Clean Sweep Medication Collection for the City and Town of Burlington, Dover, Rochester, Union Grove & Village of Waterford residents- Collected 378 pounds of medications with 191 residents participating.
- May 31st and June 1st- Women's Self Defense Classes- In collaboration with the City of Burlington Police Department classes were offered to help women reduce risk, recognize, & to respond effectively in potentially dangerous situations.
- June- Car Seat Check in Burlington- Eleven car seats were checked and 9 car seats were distributed to low income families.
- September- Union Grove Super Saturday- Installed 6 car seats, sold 7 seats & 4 radon test kits.
- September- Dover Town Hall Medication Collection- 168 participants & collected 268 pounds of medication.
- October- Raymond Pancake Breakfast & Safety Day- Child's car seat checks were offered & 8 radon test kits were sold.
- December- Parents Speak Up Class- (noted previously) Held at Waterford Library, Union Grove Middle School & WRCHD.

2013 Endeavors

Low Cost Animal Vaccination Clinic & Licensing

- On March 17, 2013 a low cost Animal Vaccination Clinic will be offered at the Rochester Village Hall 203 W Main Street in conjunction Wisconsin Humane Society from 11am to 1pm.

Raymond Medication Collection

- A medication collection will be held at the Raymond Town Hall, Thursday, April 25th from 6:30 to 8pm.

Clean Sweep Medication Collection

- A medication collection will be held in collaboration with the Clean Sweep on April 27th at the Burlington Public Works Facility located at 2200 S. Pine Burlington from 8a-12noon.

Emergency Preparedness

- Regional exercise is being planned in collaboration with the Southeast region.

Women's Self Defense Classes

- Classes to be determined.

Child Car Seat Check

- Summer child car seat installation check will be held at 156 E State Street Burlington.

Contraceptive Choices Presentation

- Provide information to high school students on pregnancy and STD prevention. Absence only curriculum is now the only education being taught at Burlington High School.

Health Care Network Clinic Location

- Western Racine County Health Department will host a bimonthly clinic for low income residents to see volunteer doctors. If a client is referred for additional tests they will then be referred thru the normal Health Care Network channels.

Raymond Pancake Breakfast & Safety Day

- Sunday, October 6th Raymond Fire Department 8a-12noon. Child car seat installation checks will be offered.



Public Health
Prevent. Promote. Protect.

If there is an event that you would like the Health Department to participate in, please contact Cheryl Mazmanian.

We look forward to working with you!